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DATE: Monday, July 24, 2006

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<input type="checkbox"/>	L3	L2 with apha	5
<input type="checkbox"/>	L2	L1 with usha	8
<input type="checkbox"/>	L1	(escherichia or coli)with (nucleotid\$2 or nucleosid\$2)	7917

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Search Results - Record(s) 1 through 5 of 5 returned.

1. Document ID: US 20040152171 A1

L3: Entry 1 of 5

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040152171

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040152171 A1

TITLE: Method for producing nucleotide by fermentation

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kakehi, Masahiro	Kawasaki-shi		JP
Usuda, Yoshihiro	Kawasaki-shi		JP
Tabira, Yukiko	Kawasaki-shi		JP
Sugimoto, Shinichi	Kawasaki-shi		JP

US-CL-CURRENT: 435/89; 435/252.33

2. Document ID: US 20020098494 A1

L3: Entry 2 of 5

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098494

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020098494 A1

TITLE: Method for producing nucleotide by fermentation

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kakehi, Masahiro	Kawasaki-shi		JP
Usuda, Yoshihiro	Kawasaki-shi		JP
Tabira, Yukiko	Kawasaki-shi		JP
Sugimoto, Shinichi	Kawasaki-shi		JP

US-CL-CURRENT: 435/6; 435/252.33, 435/89

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw
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 3. Document ID: JP 2002355087 A

L3: Entry 3 of 5

File: JPAB

Dec 10, 2002

PUB-NO: JP02002355087A

DOCUMENT-IDENTIFIER: JP 2002355087 A

TITLE: METHOD FOR PRODUCING NUCLEOTIDE BY FERMENTATION METHOD

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw
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 4. Document ID: EP 1170370 A2

L3: Entry 4 of 5

File: EPAB

Jan 9, 2002

PUB-NO: EP001170370A2

DOCUMENT-IDENTIFIER: EP 1170370 A2

TITLE: Method for producing nucleotide by fermentation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw
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 5. Document ID: US 20040152171 A1, EP 1170370 A2, BR 200102671 A, CN 1335403 A, KR 2002004870 A, US 20020098494 A1, JP 2002355087 A

L3: Entry 5 of 5

File: DWPI

Aug 5, 2004

DERWENT-ACC-NO: 2002-173089

DERWENT-WEEK: 200452

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TITLE: Producing nucleoside 5'-phosphate ester e.g. inosine monophosphate by direct fermentation using bacterium belonging to genus Escherichia in which UDP-sugar hydrolase and acid phosphatase genes do not function normally

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L2 with apha	5

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NEWS 9 MAY 30 The F-Term thesaurus is now available in CA/CAplus
NEWS 10 JUN 02 The first reclassification of IPC codes now complete in
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NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
and display fields
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NEWS 13 JUL 11 CHEMSAFE reloaded and enhanced
NEWS 14 JUL 14 FSTA enhanced with Japanese patents
NEWS 15 JUL 19 Coverage of Research Disclosure reinstated in DWPI

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

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ENTRY

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FILE 'WPIDS' ENTERED AT 19:17:08 ON 24 JUL 2006

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=> s (escherichia or coli) (5a)(nucleotid? or nucleosid?)

L1 18301 (ESCHERICHIA OR COLI) (5A)(NUCLEOTID? OR NUCLEOSID?)

=> s l1 (5a)usha

L2 4 L1 (5A) USHA

=> s l2 and apha

L3 2 L2 AND APHA

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 2 DUP REM L3 (0 DUPLICATES REMOVED)

=> d 1,2

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:31102 HCAPLUS <<LOGINID::20060724>>

DN 136:97246

TI Method for producing nucleoside 5'-phosphate ester by fermentation in strain with ushA and ***aphA*** gene mutation or disruption

IN Kakehi, Masahiro; Usuda, Yoshihiro; Tabira, Yukiko; Sugimoto, Shinichi

PA Ajinomoto Co., Inc., Japan

SO Eur. Pat. Appl., 17 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------------------------------------------------------------------------------------|------|----------|-----------------|----------|
| PI | EP 1170370 | A2 | 20020109 | EP 2001-114571 | 20010618 |
| | EP 1170370 | A3 | 20030305 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO | | | | |
| | JP 2002355087 | A2 | 20021210 | JP 2001-181573 | 20010615 |
| | US 2002098494 | A1 | 20020725 | US 2001-891287 | 20010627 |
| | BR 2001002671 | A | 20020305 | BR 2001-2671 | 20010704 |
| | CN 1335403 | A | 20020213 | CN 2001-121740 | 20010705 |
| | US 2004152171 | A1 | 20040805 | US 2004-798339 | 20040312 |
| PRAI | JP 2000-204260 | A | 20000705 | | |
| | US 2001-891287 | B3 | 20010627 | | |

L4 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

AN 2000:387548 BIOSIS <<LOGINID::20060724>>

DN PREV200000387548

TI Essential role of the ***AphA*** periplasmic acid phosphatase in

utilization of 5'- ***nucleotides*** by ***Escherichia***
coli purEK ***ushA*** phoA mutants.

AU Laird, M. W. [Reprint author]; Passariello, C.; Joly, J. C. [Reprint author]; Schippa, S.; Rossolini, G. M.; Thaller, M. C.

CS Department of Cell Culture and Fermentation, R and D Genentech, Inc., San Francisco, CA, USA

SO Abstracts of the General Meeting of the American Society for Microbiology, (2000) Vol. 100, pp. 435-436. print.

Meeting Info.: 100th General Meeting of the American Society for Microbiology. Los Angeles, California, USA. May 21-25, 2000. American Society for Microbiology.

ISSN: 1060-2011.

DT Conference; (Meeting)

Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 13 Sep 2000
Last Updated on STN: 8 Jan 2002

=> s 12 not 13
L5 2 L2 NOT L3

=> dup rem 15
PROCESSING COMPLETED FOR L5
L6 2 DUP REM L5 (0 DUPLICATES REMOVED)

=> d 1,2

L6 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:419351 HCAPLUS <<LOGINID::20060724>>
DN 139:334665
TI Cobalt activation of Escherichia coli 5'-nucleotidase is due to zinc ion displacement at only one of two metal-ion-binding sites
AU McMillen, Lyle; Beacham, Ifor R.; Burns, Dennis M.
CS Faculty of Science, School of Biomolecular and Biomedical Science, Griffith University, Queensland, 4111, Australia
SO Biochemical Journal (2003), 372(2), 625-630
CODEN: BIJOAK; ISSN: 0264-6021
PB Portland Press Ltd.
DT Journal
LA English
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
AN 1986:473474 HCAPLUS <<LOGINID::20060724>>
DN 105:73474
TI Nucleotide sequence and transcriptional analysis of the E. coli ushA gene, encoding periplasmic UDP-sugar hydrolase (5'-nucleotidase): regulation of the ushA gene, and the signal sequence of its encoded protein product
AU Burns, Dennis M.; Beacham, Ifor R.
CS Sch. Sci., Griffith Univ., Brisbane, 4111, Australia
SO Nucleic Acids Research (1986), 14(10), 4325-42
CODEN: NARHAD; ISSN: 0305-1048
DT Journal
LA English

=> dis his

(FILE 'HOME' ENTERED AT 19:17:02 ON 24 JUL 2006)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS, ESBIOSBASE, BIOTECHNO, WPIDS' ENTERED AT 19:17:08 ON 24 JUL 2006

L1 18301 S (ESCHERICHIA OR COLI) (5A) (NUCLEOTID? OR NUCLEOSID?)
L2 4 S L1 (5A) USHA
L3 2 S L2 AND APHA
L4 2 DUP REM L3 (0 DUPLICATES REMOVED)
L5 2 S L2 NOT L3
L6 2 DUP REM L5 (0 DUPLICATES REMOVED)

=> log h

COST IN U.S. DOLLARS

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TOTAL

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| ENTRY | SESSION |
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| 23.56 | 23.77 |

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